

Case 3326

***Lachniella tujafilina* Del Guercio, 1909 (currently *Cinara* (*Cupressobium*) *tujafilina*; Insecta, Hemiptera, APHIDIDAE): proposed precedence over *Lachnus greeni* Schouteden, 1905 (currently *Cinara* (*Cupressobium*) *greeni*)**

Juan M. Nieto Nafría and Nicolás Pérez Hidalgo

Departamento de Biología Animal, Universidad de León, 24071 León, Spain
(e-mails: dbajnn@unileon.es; dbanph@unileon.es)

Miguel A. Alonso-Zarazaga

Departamento de Biodiversidad y Biología Evolutiva, Museo Nacional de Ciencias Naturales (CSIC), José Gutiérrez Abascal 2, 28006 Madrid, Spain
(e-mail: mcnaz39@mncn.csic.es)

Abstract. The purpose of this application, under Article 23.9.3. of the Code, is to conserve the usage of the specific name *Cinara* (*Cupressobium*) *tujafilina* (Del Guercio, 1909) for a widespread and economically important species of aphid, by giving it precedence over the senior specific name *Cinara* (*Cupressobium*) *greeni* (Schouteden, 1905).

Keywords. Nomenclature; taxonomy; Hemiptera; APHIDIDAE; LACHNINAE; *Cinara*; *Cinara* (*Cupressobium*) *tujafilina*; *Cinara* (*Cupressobium*) *greeni*; aphids.

1. The species *Lachnus greeni* was established by Schouteden (1905, p. 184). The specific name *greeni* was subsequently combined with the generic names *Cinaropsis* Börner, 1939 and *Cinara* Curtis, 1835, respectively by Börner & Heinze (1957, p. 55) and Eastop & Hille Ris Lambers (1976, p. 150). It was placed near *Cinara* (*Cupressobium*) *tujafilina* (Del Guercio, 1909) by Remaudière & Remaudière (1997, pp. 193, 277, 300) as a nomen dubium.

2. The species *Lachniella tujafilina* was established by Del Guercio (1909, p. 288) and it is currently (Remaudière & Remaudière, 1997, p. 199) placed in the genus *Cinara* Curtis, 1835 and subgenus *Cupressobium* Börner, 1940.

3. Pérez Hidalgo & Nieto Nafría (2004, p. 102) have demonstrated that *Cinara greeni* and *Cinara tujafilina* are subjective synonyms. Following the Principle of Priority *greeni* (1905) has priority over *tujafilina* (1909).

4. The automatic reversal of precedence under Article 23.9.1 is not possible since *Lachnus greeni* Schouteden was not established by Schouteden until after 1899. Following Article 23.9.3, this case requires referral to the Commission for a ruling under the plenary power (Article 81). While the case is under consideration use of the junior name is to be maintained (Article 82). Any return to the use of the specific name *Cinara greeni* instead of *Cinara tujafilina* would greatly affect stability and universality of nomenclature, causing unnecessary confusion. *Cinara tujafilina* is used with

regularity, while *Cinara greeni* was mentioned only in a few catalogues and papers listed in para. 1 above. A list of 33 references by 54 authors using *Cinara tujaefilina* and covering the years 1948–2003 is held by the Commission Secretariat (e.g. Bodenheimer & Swirski, 1957; Patti, 1977; Watson et al., 1999; Gil et al., 2002; Wilson et al., 2003). Confusion resulting from use of the older name would affect current usage of *Cinara* (*Cupressobium*) *tujaefilina* as a well known pest in forestry and gardening, affecting several species of *Callitris*, *Chamaecyparis*, *Cupressus*, *Juniperus*, *Thuja* and *Widdringtonia* (Cupressaceae) used as ornamental plants (Blackman & Eastop, 1994).

5. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary power to give the name *tujaefilina* Del Guercio, 1909, as published in the binomen *Lachniella tujaefilina*, precedence over the name *greeni* Schouteden, 1905, as published in the binomen *Lachnus greeni*, whenever the two are considered to be synonyms;
- (2) to place on the Official List of Specific Names in Zoology the following names:
 - (a) *tujaefilina* Del Guercio, 1909, as published in the binomen *Lachniella tujaefilina*, with the endorsement that it is to be given precedence over the name *greeni* Schouteden, 1905, as published in the binomen *Lachnus greeni*, whenever the two are considered to be synonyms;
 - (b) *greeni* Schouteden, 1905, as published in the binomen *Lachnus greeni*, with the endorsement that it is to not be given priority over the name *tujaefilina* Del Guercio, 1909, as published in the binomen *Lachniella tujaefilina*, whenever the two are considered to be synonyms.

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Comments on this case are invited for publication (subject to editing) in the *Bulletin*; they should be sent to the Executive Secretary, I.C.Z.N., Natural History Museum, Cromwell Road, London SW7 5BD, U.K. (e-mail: iczn@nhm.ac.uk).